



## Gulf of Mexico Harmful Algal Bloom Bulletin

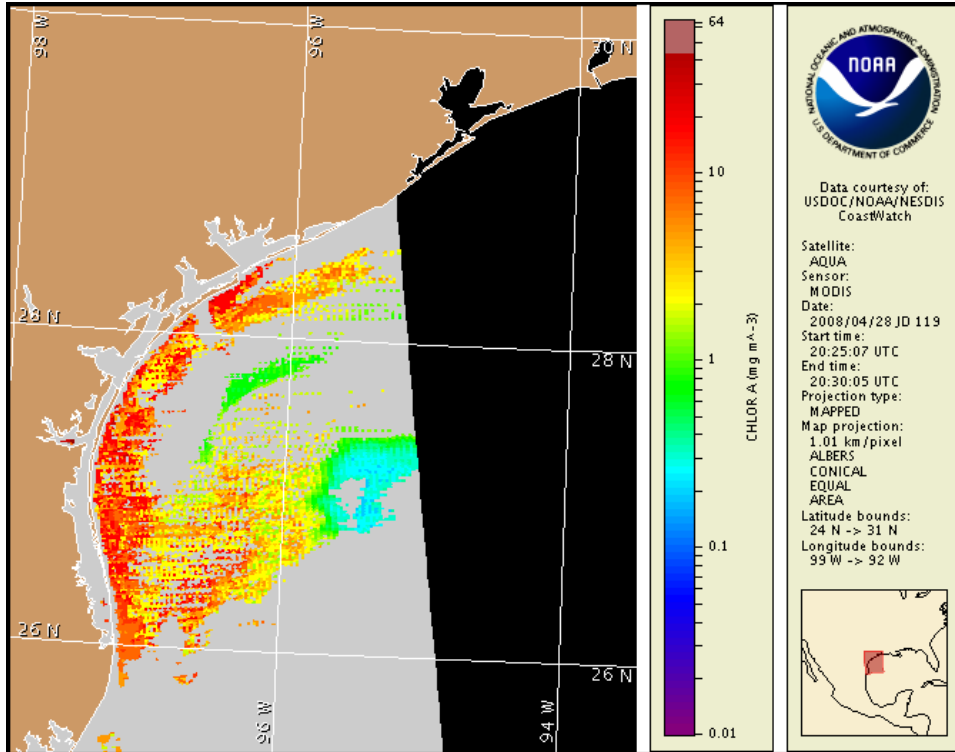
Region: Texas

30 April 2008

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: April 23, 2008



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from April 21 to 29 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

[http://www.csc.noaa.gov/crs/habf/habfs\\_bulletin\\_guide.pdf](http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf)

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

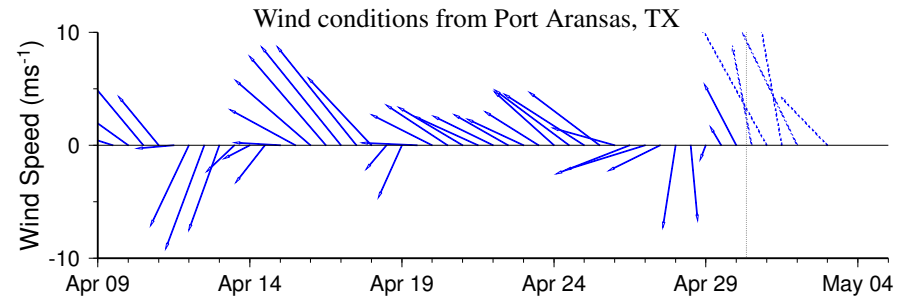
## Conditions Report

The previously reported harmful bloom appears to have ended. The Texas Department of State Health Services (DSHS) has re-opened all Bays to shellfishing.

## Analysis

Indications are that *Dinophysis* has diminished significantly. The strong onshore winds may produce resuspension and discolored water that are normal and not related to harmful algae.

- Jewett, Lopez

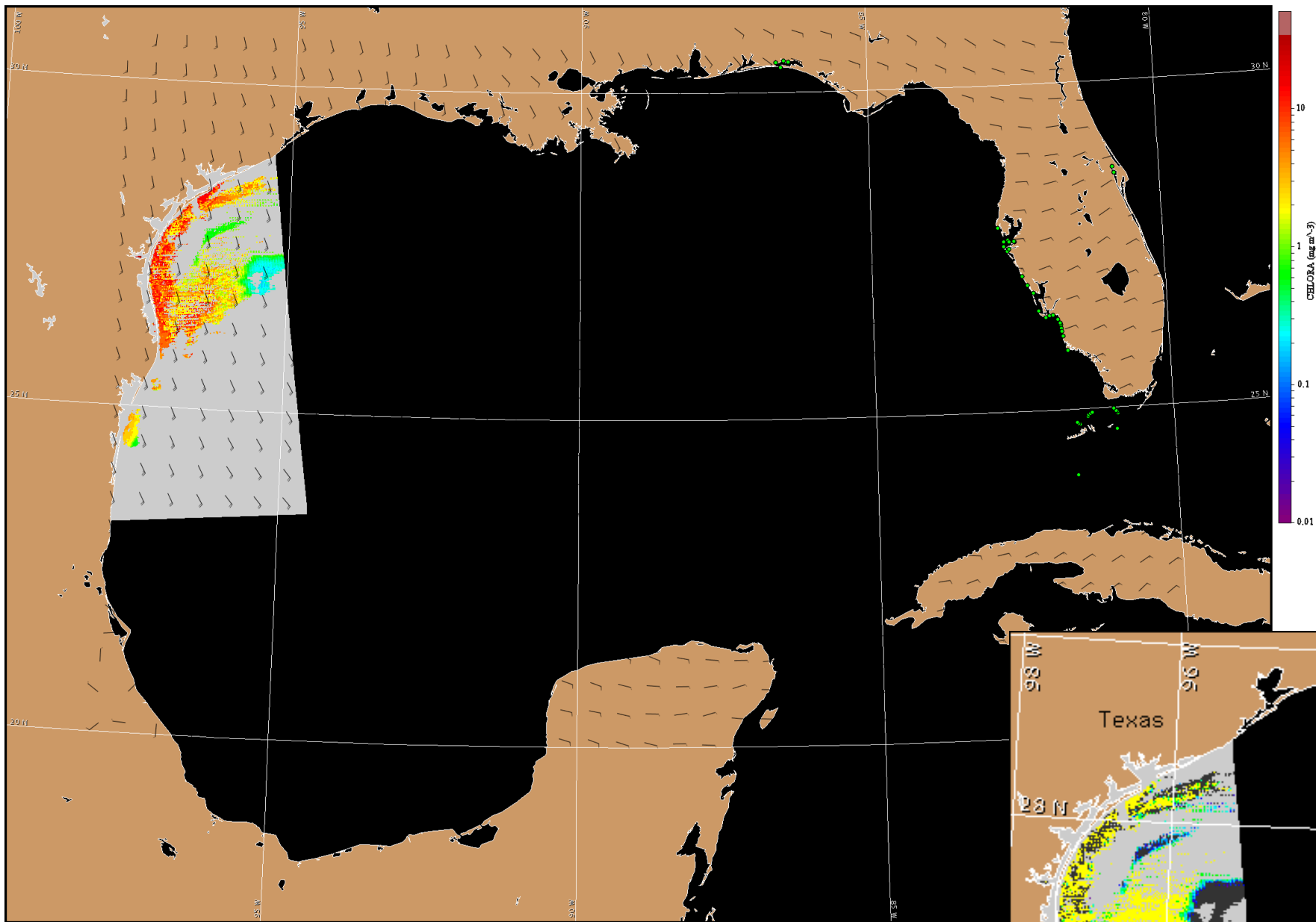


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

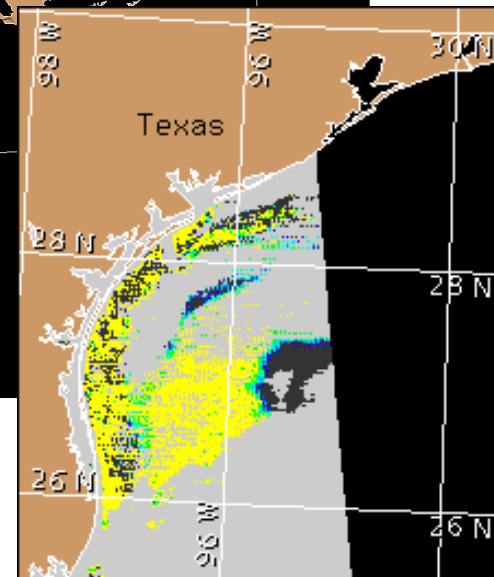
## Wind Analysis

Southeast winds 15 to 20 knots today through Friday.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: [http://coastwatch.noaa.gov/hab/bulletins\\_ns.htm](http://coastwatch.noaa.gov/hab/bulletins_ns.htm)



Satellite chlorophyll image and forecast winds for May 1, 2008 12Z with Cell concentration sampling data from April 21 to 29 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: [http://www.csc.noaa.gov/crs/habf/habfs\\_bulletin\\_guide.pdf](http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf)



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).